

ABSTRACT

The present invention provides a node device for connecting a plurality of networks. The node device
5 comprises a plurality of input units for respectively inputting data from first transmission lines installed in each of the networks, a plurality of output units for respectively outputting data to second transmission lines installed in each of the networks, and a switching unit for
10 switching the data input from the input units to the output units. The input unit that inputs data from a transmission line shared by the networks among the first transmission lines has a higher transmission speed than other input units.